

===== WPI =====

TI - Prodn. of decorative sheet - by forming print patterns on tissue paper, coating or impregnating, drying, coating with thermoplastic resin, etc.

AB - J62244633 Prodn. of decorative sheet comprises forming print patterns (2) on tissue paper (1) with the basis wt of 10-50g/sq.m coating or impregnating the paper from the print side with curable resin (3), drying it, coating the other side surface of the paper with thermoplastic resin (4) to prepare decorative tissue paper, impregnating another paper having a basis wt of 80-400g /sq.m with curable resin to prepare impregnated backer paper (5) after drying the impregnated resin, laying the decorative tissue paper and the impregnated backer paper so that the backer paper is brought into contact with the thermoplastic resinous coat, and hot pressing them.

- The curable resin for the tissue paper is e.g. acrylurethane aminoalkyd, polyurethane, epoxy. The thermoplastic resin is e.g. PE, PVC, PVdC, PVA, PS, PP, fluoroplastics, polyester, polyamide, polyimide. The curable resin for backer paper is e.g. unsatd. polyester, diallyl phthalate, epoxy, phenolic, urethane, melamine.

- USE/ADVANTAGE - Decorative sheet, for e.g. facing materials, edge sheet or furniture, can be produced with less pressure and less heat from general-purpose materials. Produced sheet has resistance to solvent, and can be curved more easily. (1-4/4)

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